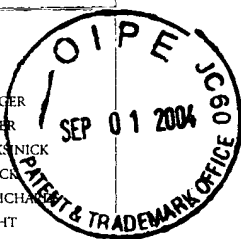


RICK D. NYDEGGER  
BRENT P. LORIMER  
THOMAS R. VUKSINICK  
LARRY R. LAYCOCK  
JONATHAN W. RICHARDSON  
DAVID R. WRIGHT  
JOHN C. STRINGHAM  
JOHN M. GUYNN  
CHARLES L. ROBERTS  
DANA L. TANGREN  
ERIC L. MASCHOFF  
CHARLES J. VEVERKA  
ROBYN L. PHILLIPS  
RICHARD C. GILMORE \*  
STERLING A. BRENNAN  
R. BURNS ISRAELSEN  
DAVID R. TODD  
GREGORY M. TAYLOR  
DAVID B. DELLENBACH  
L. DAVID GRIFFIN  
ADRIAN J. LEE  
FRASER D. ROY  
CARL T. REED

R. PARRISH FREEMAN, JR.  
PETER F. MALEN, JR.  
L. REX SEARS, PH.D.  
WILLIAM R. RICHTER  
ERIC M. KAMERATH  
ROBERT E. AYCOCK  
JENS C. JENKINS  
KEVIN W. STINGER  
WILLIAM J. ATHAY  
MICHAEL B. DODD  
RYAN D. BENSON  
SARA D. JONES  
TIGE KELLER  
JANNA L. JENSEN  
MATTHEW D. TODD  
J. LAVAR OLDHAM  
MICHAEL J. FRODSHAM  
JOSEPH L. KRUPA  
BRETT A. HANSEN  
BRETT I. JOHNSON  
MATTHEW A. BARLOW  
WESLEY C. ROSANDER  
ANDREW S. HANSEN  
CHAD E. NYDEGGER  
JOSEPH G. PIA  
CLINTON E. DUKE  
DAVID J. LORENZ †  
RYAN N. FARR \*  
JAMES B. BELSHE



# WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS

1000 EAGLE GATE TOWER  
60 EAST SOUTH TEMPLE  
SALT LAKE CITY, UTAH 84111  
TELEPHONE: (801) 533-9800  
FAX: (801) 328-1707  
WEBSITE: HTTP://WWW.WNLAW.COM

EXPRESS MAIL LABEL NO.: EL 996742148 US

PATENT APPLICATION

Docket No.: 15913.39

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Bing Zhou, et al.

Serial No.: 10/618,909

)  
)  
)  
)  
) Art Unit  
) 1754

Filed: July 14, 2003

Confirmation No.: 7968

For:

INTERMEDIATE PRECURSOR  
COMPOSITIONS USED TO MAKE  
SUPPORTED CATALYSTS HAVING A  
CONTROLLED COORDINATION STRUCTURE  
AND METHODS FOR PREPARING SUCH  
COMPOSITIONS

Examiner:

Unknown

Customer No.:

02913

### TRANSMITTAL FOR SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is a Supplemental Information Disclosure Statement.

Enclosed also are the following designated documents, as required under 37 C.F.R. §§ 1.97 and 1.98:

X Form PTO-1449 list of seventeen (17) references submitted for consideration.

X Copies of five articles submitted as references for consideration.

Because this Information Disclosure Statement is being filed prior to the mailing of the first substantive office action, no fee is required.

Please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

Dated this 15<sup>th</sup> day of September 2004.

Respectfully submitted,



John M. Guynn  
Attorney for Applicant  
Registration No. 36,153  
Customer No. 022913  
801-533-9800



Applicant:  
Serial No.  
Confirmation No.  
Filing Date:

Bing Zhou, et al.  
10/618,909  
7968  
July 14, 2003

Att'y Docket No. 15913.39  
Group: 1754

INTERMEDIATE PRECURSOR COMPOSITIONS USED TO MAKE  
SUPPORTED CATALYSTS HAVING A CONTROLLED  
COORDINATION STRUCTURE AND METHODS FOR PREPARING  
SUCH COMPOSITIONS

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
___ 1	4,064,154	Dec. 20, 1977	Chadra et al.
___ 2	4,083,803	Apr. 11, 1978	Oswald et al.
___ 3	4,503,160	Mar. 5, 1985	Williams
___ 4	4,513,098	Apr. 23, 1985	Tsao
___ 5	5,391,531	Feb. 21, 1995	Ward
___ 6	5,583,085	Dec. 10, 1996	Ward
___ 7	5,846,895	Dec. 8, 1998	Gila et al.
___ 8	6,331,500	Dec. 18, 2001	Tsuji et al.
___ 9	6,500,969	Dec. 31, 2002	Zhou et al.
___ 10	6,528,683	Mar. 4, 2003	Heidemann et al.
___ 11	6,740,615	May 25, 2004	Zhou
___ 12	6,746,597	June 6, 2004	Zhou et al.

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: Bing Zhou, et al.

Serial No. 10/618,909

Att'y Docket No. 15913.39

Confirmation No. 7968

Group: 1754

Filing Date: July 14, 2003

For: INTERMEDIATE PRECURSOR COMPOSITIONS USED TO MAKE  
SUPPORTED CATALYSTS HAVING A CONTROLLED  
COORDINATION STRUCTURE AND METHODS FOR PREPARING  
SUCH COMPOSITIONS

---

Other Documents

(including author, title, pertinent pages, etc.)

Examiner

Initial\*

- \_\_\_\_\_ 13 Li, et al, "Preparation and Characterization of Multiwalled Carbon Nanotube-Supported Platinum for Cathode Catalysts of Direct Methanol Fuel Cells", *J. Phys. Chem, B*, June 6, 2003, Vol. 107, pp. 6292-6299.
- \_\_\_\_\_ 14 Li, et al., "Carbon nanotubes as support for cathode catalyst of a direct methanol fuel cell", *Letters to the Editor/Carbon 40* Dalian University of Technology, (2002), pp. 787-803
- \_\_\_\_\_ 15 Lordi, et al., "Method for Supporting Platinum on Single-Walled Carbon Nanotubes for a Selective hydrogenation Catalyst", *Chem. Mater.* 2001, vol. 13, pp. 733-737.
- \_\_\_\_\_ 16 Zhou et al, "Novel synthesis of highly active Pt/C cathode electrocatalyst for direct methanol fuel cell", *Chem. Commun.*, Jan. 13, 2003, (3), pp. 394-395.
- \_\_\_\_\_ 17 Zhou, et al., "Preparation and Characterization of Anode Catalysts PtRu/C for Direct Methanol Fuel Cells", *Chemical Journal of Chinese Universities*, Vol. 24, No. 5, pp. 858-862.

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not

---

Examiner:

---

Date Considered:

---

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

---

Applicant: Bing Zhou, et al.

Serial No. 10/618,909

Att'y Docket No. 15913.39

Confirmation No. 7968

Group: 1754

Filing Date: July 14, 2003

For: INTERMEDIATE PRECURSOR COMPOSITIONS USED TO MAKE  
SUPPORTED CATALYSTS HAVING A CONTROLLED  
COORDINATION STRUCTURE AND METHODS FOR PREPARING  
SUCH COMPOSITIONS

---

in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

W:\15913\39\MLA0000002319V001.doc

---

Examiner:

Date Considered:

---

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

---